

Message Text

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E.O. 11652: N/A

AGS: TGEN, US, UR

SUBJECT: US-USSR S&T AGREEMENT: ELECTROMETALLURGY: WORKING
GROUP MEETING (01.03)

REF: MOSCOW 10526

1. REQUEST EMBASSY TRANSMIT FOLLOWING PROMISE LETTER AND
SEPTEL LETTER TO ANTONOV, WITH COPIES TO AYKAZYAN,
ISHCHENKO AND BLEBOV.

2. 01.03 - JULY 21, 1977

DR. S. P. ANTONOV
STATE COMMITTEE FOR SCIENCE
AND TECHNOLOGY, U.S.S.R.
COUNCIL OF MINISTERS
MOSCOW, U.S.S.R.
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PAGE 02 STATE 172135

DEAR DR. ANTONOV:

AS INDICATED IN MY SEPARATE LETTER OF THIS SAME DATE, I AM
SENDING YOU THE NAMES AND TITLES OF PAPERS FOR THE COMING
VISITS AND SYMPOSIUM.

THE U.S. WORKING GROUP FOR OUR NEXT MEETING IS AS FOLLOWS:

1. NATHAN E. PROMISEL, CHAIRMAN
2. ROINTAN F. BUNSHAH, UCLA
3. MERTON C. FLEMINGS, MIT
4. RICHARD W. HECKEL, MICHIGAN TECH. UNIV.
5. IRVING A. OEHLER, AMERICAN WELDING ASS'N.
6. STEPHEN A. O'HARE, U.S. BUREAU OF MINES
7. ERNEST F. NIPPES, RENSSAELER POLYTECHNIC INST.
8. ROMAN J. WASILEWSKI, NSF
9. ALEXANDER B. TATISCHCHEV, INTERPRETER
10. WILLIAM J. CROMIE
11. P. R. REED, NBS
12. R. W. STAEHLE, OHIO STATE UNIV.

THOSE COMING ON SEPTEMBER 4 ESPECIALLY FOR THE SYMPOSIUM
ARE AS FOLLOWS:

1. JOHN F. ELLIOTT, MIT
 2. JULIAN SZEKELY, MIT
 3. ROBERT MEHRABIAN, U. ILLINOIS
 4. JOSEPH KLEIN, CABOT CORP.
 5. LARRY KAUFMAN, MANLABS
 6. HUGH R. SMITH, IND. VAC. ENG.
 7. THOMAS B. KING, MIT
 8. NORMAN PARLEE, STANFORD UNIV.
- UNCLASSIFIED

UNCLASSIFIED

PAGE 03 STATE 172135

9. ROBERT PEHLKE, MICHIGAN U.
10. RAYMOND FESSLER, BATTELLE
11. ALBERT HOFFMANN, BATTELLE
12. ALLAN CLAUER, BATTELLE
13. JOSEPH I. GOLDSTEIN, LEHIGH
14. MICHAEL R. NOTIS, LEHIGH
15. PETER D. HILTON, LEHIGH
16. J. A. CORNIE, WESTINGHOUSE
17. A. T. MALE, WESTINGHOUSE
18. LYNN J. EBERT, CASE WESTERN RES.
19. R. I. JAFFEE, EPRI
20. RAM KOSSOWSKY, WESTINGHOUSE
21. RAY DECKER
22. MICHAEL LAURIENTE, DOT
23. J. E. CUNNINGHAM, ORNL
24. A. BOBROVSKY, PENN STATE

THE U.S. KIEV SYMPOSIUM PRESENTATIONS ARE:

ESR

"OVERVIEW OF U.S. ACTIVITIES AND OF MIT WORK ON MACRO-

SEGREGATION IN ESR," M.C. FLEMINGS, MIT, CAMBRIDGE, MASS.

BEHAVIOR OF DEOXIDATION PRODUCTS IN ESR PROCESSING,"
J. F. ELLIOTT, MIT.

"SULFUR TRANSFER AT LIQUID ELECTRODES IN ESR," T. B. KING,
MIT.

"MATHEMATICAL MODELING OF THE EMF FIELD, THE FLUID FLOW,
AND OF TEMPERATURE PROFILES IN ESR SYSTEMS," J. SZEKELY,
MIT.

"SEGREGATION IN ESR INGOTS," J. KLEIN (CABOT CORPORATION,
KOKOMO, INDIANA) AND R. MEHRABIAN (UNIVERSITY OF ILLINOIS,
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PAGE 04 STATE 172135

URBANA, ILLINOIS).

ELECTRON BEAM DEPOSITION

"PRESENT STATUS AND PROSPECTS OF APPLICATION OF ELECTRON
BEAM EVAPORATION IN THE U.S.," R. F. BUNSHAH, UCLA, LOS
ANGELES, CALIF.

"COMPARATIVE INVESTIGATION OF WORKABILITY OF CUTTING HARD
ALLOY TIPS K-21 WITH COATINGS, PRODUCED WITH DIFFERENT
METHODS," L. KAUFMAN (MANLABS, INC., CAMBRIDGE, MASS.),
V. TIPNIS (METCUT ASSOCIATES, CINCINNATI, OHIO), V. N.
ANDREYEV, ET. AL., (PATON INSTITUTE, KIEV).

"DESIGN OF AN ELECTRON BEAM EVAPORATION FURNACE," H. R.
SMITH, INDUSTRIAL VACUUM ENGINEERING, SAN MATEO,
CALIFORNIA.

PLASMA ARC REMELTING

"KINETICS OF NITROGEN SOLUTIONS FROM PLASMAS," T. B. KING,
MIT, CAMBRIDGE, MASS.

"PROGRESS IN THE DEVELOPMENT AND TESTING OF NITROGEN
SOLUBILITY AND DIFFUSION METHODS FOR COMPLEX IRON-BASE
LIQUIDS," N. PARLEE, STANFORD UNIVERSITY, PALO ALTO,
CALIFORNIA.

"NITROGEN IN ALLOY STEELS AND SIMULATION OF PAR PROCESS,"
R. D. PEHLKE, A. VALLE, H. WADA, AND J. O. WILKES,
UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN.

"CHARACTERIZATION OF AN INGOT OF HIGH NITROGEN STAINLESS
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PAGE 05 STATE 172135

STEEL PRODUCED BY PAR," R. FESSLER, BATTELLE COLUMBUS
LABORATORY, COLUMBUS, OHIO.

"OPTIMUM PARAMETERS FOR THERMAL-MECHANICAL WORKING A HIGH-
NITROGEN AUSTENITIC STAINLESS STEEL PRODUCED BY PAR," A.L.
HOFFMANNER, BATTELLE COLUMBUS LABORATORY, COLUMBUS, OHIO.

"PROPERTIES OF HIGH-NITROGEN STAINLESS STEEL PRODUCED
BY PAR," A. H. CLAUSER, BATTELLE COLUMBUS LABORATORY,
COLUMBUS, OHIO.

SOLID STATE JOINING

"OVERVIEW OF U.S. SOLID STATE JOINT TASK FORCE ACTIVITIES,
R. W. HECKEL, MICHIGAN TECHNOLOGICAL UNIVERSITY,
HOUGHTON, MICHIGAN.

"THEORETICAL AND MEASURED DIFFUSION PROFILES IN FE-NI-AL
TERNARY SOLID STATE BONDED ALLOYS," A. K. SARKHEL AND
J. I. GOLDSTEIN, LEHIGH UNIVERSITY, BETHLEHEM,
PENNSYLVANIA.

"FINITE ELEMENT ANALYSIS OF STRESS EFFECTS IN DIFFUSION
BONDING," P. D. HILTON AND G. N. MILLER, LEHIGH
UNIVERSITY, BETHLEHEM, PENNSYLVANIA.

"INTERFACE REACTION KINETICS DURING SOLID STATE JOINING",
R. W. HECKEL (MICHIGAN TECH. UNIVERSITY, HOUGHTON, MICH.)
AND R. F. SEKERKA (CARNEGIE-MELLON UNIVERSITY, PITTSBURGH,
PENNSYLVANIA).

"STRUCTURE AND PROPERTY STUDIES OF THIN FILM AND DIFFUSION
BONDED SPECIMENS," M. R. NOTIS, J. I. GOLDSTEIN, AND
A. K. SARKHEL, LEHIGH UNIVERSITY, BETHLEHEM,
PENNSYLVANIA.

"LOW TEMPERATURE TREATMENT EFFECT ON RESIDUAL STRESS-
DEPENDENT MECHANICAL PROPERTIES OF UNIDIRECTIONAL METAL
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MATRIX COMPOSITES," L. J. EBERT AND J. GAYDA, CASE-WESTERN
RESERVE UNIVERSITY, CLEVELAND, OHIO.

"EFFECT OF INTERFACE REACTIONS ON PROPERTIES OF HFC-
COATED SIC FIBER/SUPERALLOY MATRIX COMPOSITES," J. A.
CORNIE AND A. T. MALE, WESTINGHOUSE RESEARCH LABORATORIES,
PITTSBURGH, PENNSYLVANIA.

CRYOGENIC MATERIALS

"MATERIALS, WELDS, AND MECHANICAL PROPERTIES IN LNG APPLICATIONS," P. R. REED, NATIONAL BUREAU OF STANDARDS, BOULDER, COLORADO.

WELDING MATERIALS

"OVERVIEW OF THE U.S. TASK FORCE ACTIVITIES ON WELDING

MATERIALS," E.F. NIPPES, RENSSAELER POLYTECHNIC INSTITUTE, TROY, NEW YORK.

THANK YOU VERY MUCH FOR ARRANGING THE SYMPOSIUM PROGRAM.
PLEASE SEND ME A COPY WHEN IT IS READY.

SINCERELY,

N. E. PROMISEL

CC: MR. AYKAZYAN
-- MR. ISHCHENKO
-- MR. GLEBOV VANCE

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Message Attributes

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